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[54] PALATABLE ELEMENTAL MEDICAL FOOD

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[57]

ABSTRACT

This invention relates to a palatable elemental nutritional formula that is nutritionally complete for humans with specialized dietary needs. The nutritional of the present invention uses specific free amino acids to provide the source of amino nitrogen (protein equivalents) and a special blend of fats that provides 38 to 50% of the total Calories in a pleasant tasting formula. The nutritionally complete formula of this invention is useful for children having multiple protein allergies, short gut syndrome, sick gut, diarrhea and the like. More specifically, the nutritional product, in accordance with this invention, utilizes L-asparagine monohydrochloride and L-glutamine in place of L-aspartic acid and L-glutamic acid, respectively. In addition, the source of fat comprises soy, fractionated coconut oil (medium chain triglycerides), high oleic safflower oil and esterified glycerol emulsifiers. The level of fat Calories is about 38 to 50% of total Calories, which produces a product having a low osmolarity and provides required energy requirements in a small volume.

15 Claims, No Drawings